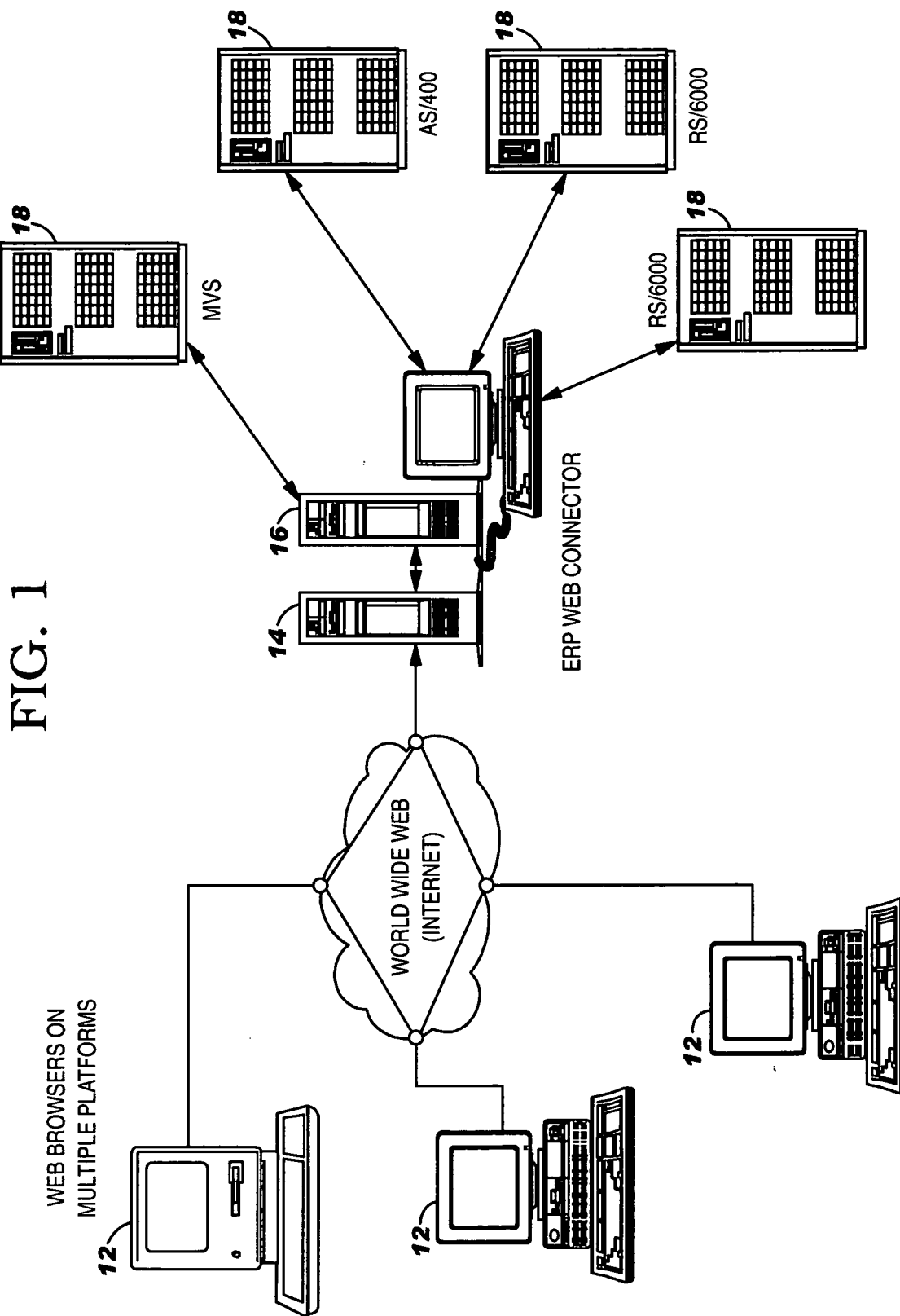




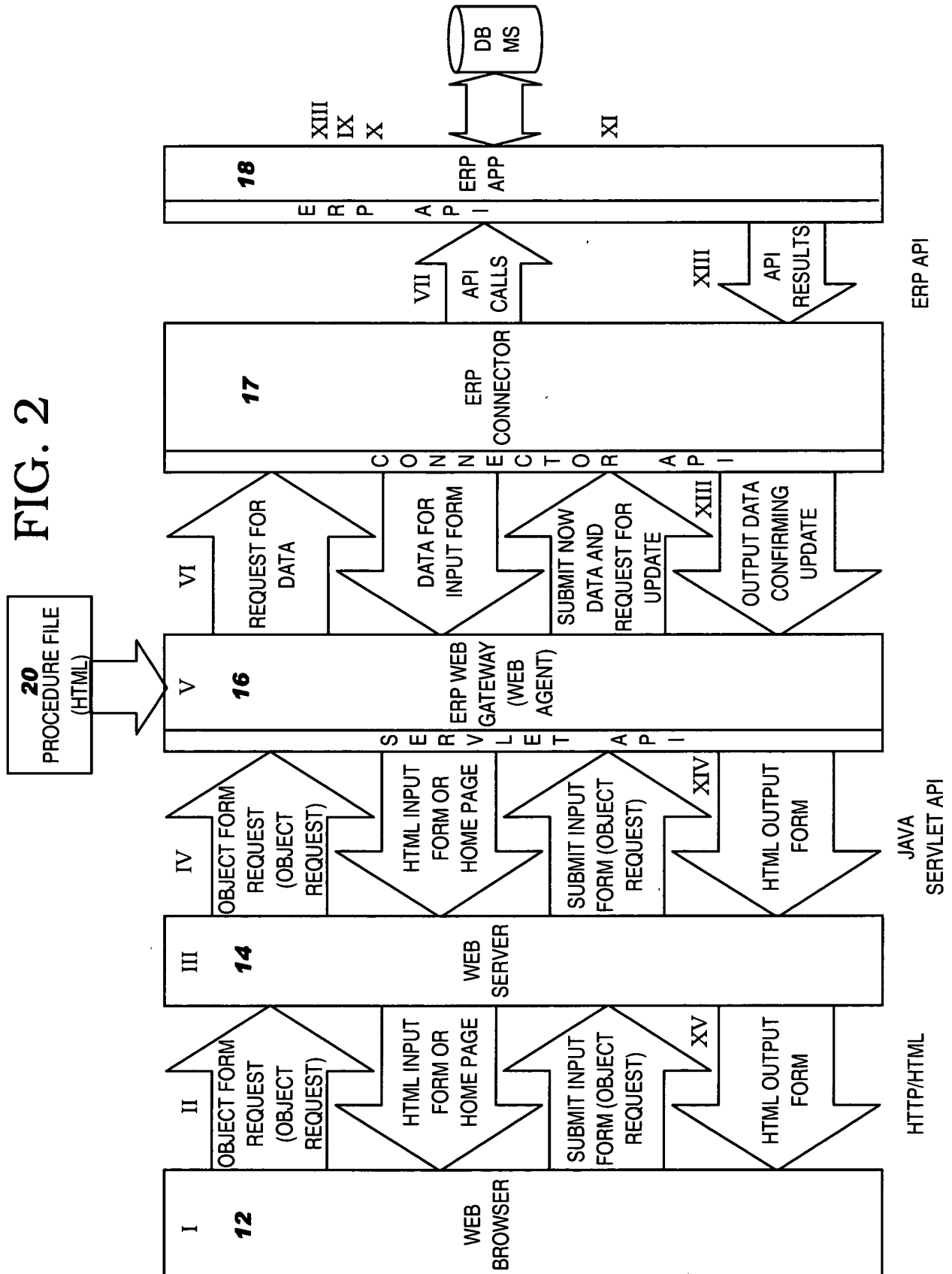
1/10





2/10

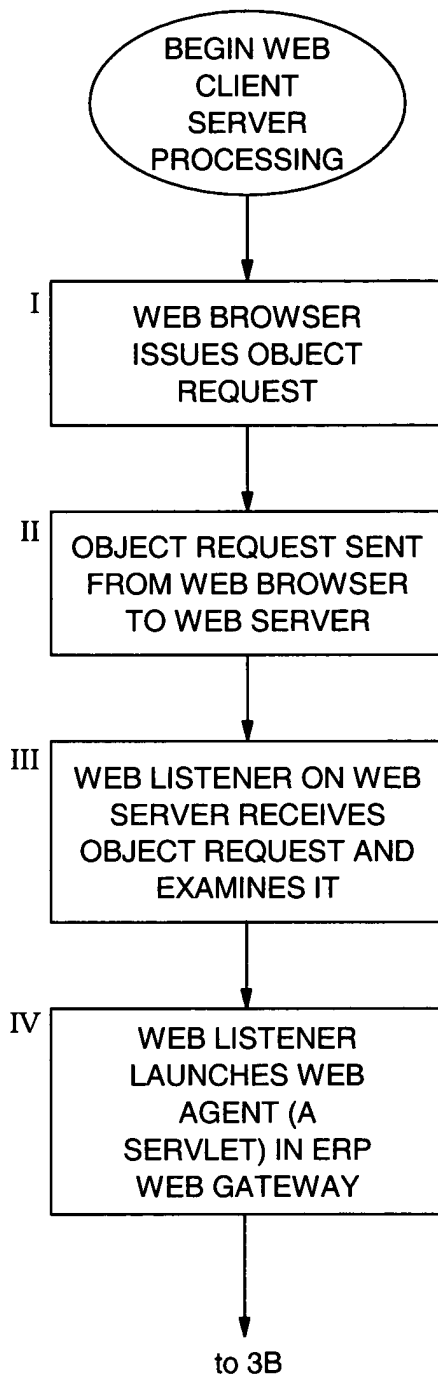
FIG. 2





3/10

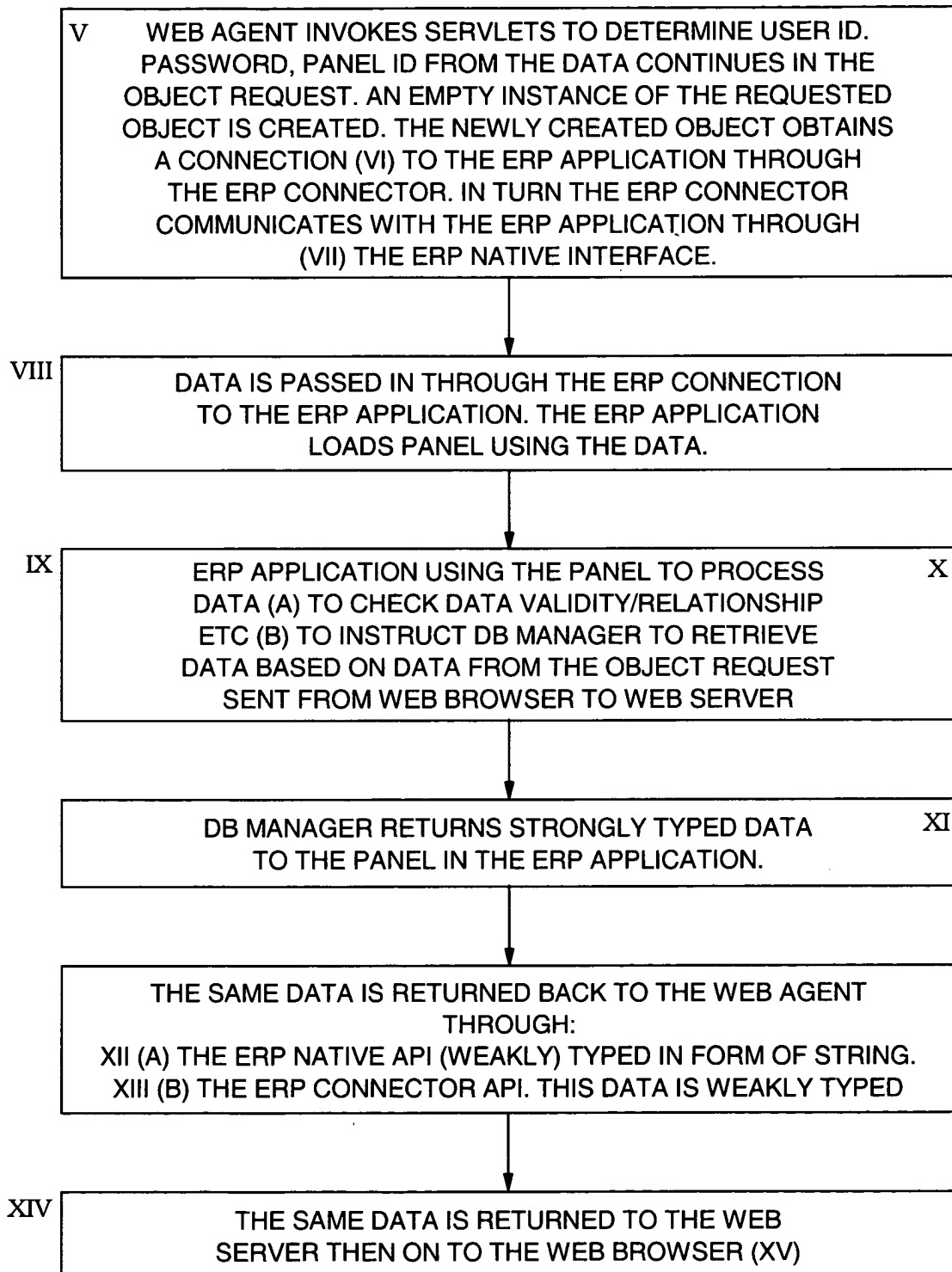
FIG. 3A

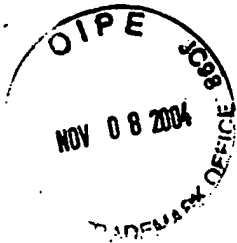




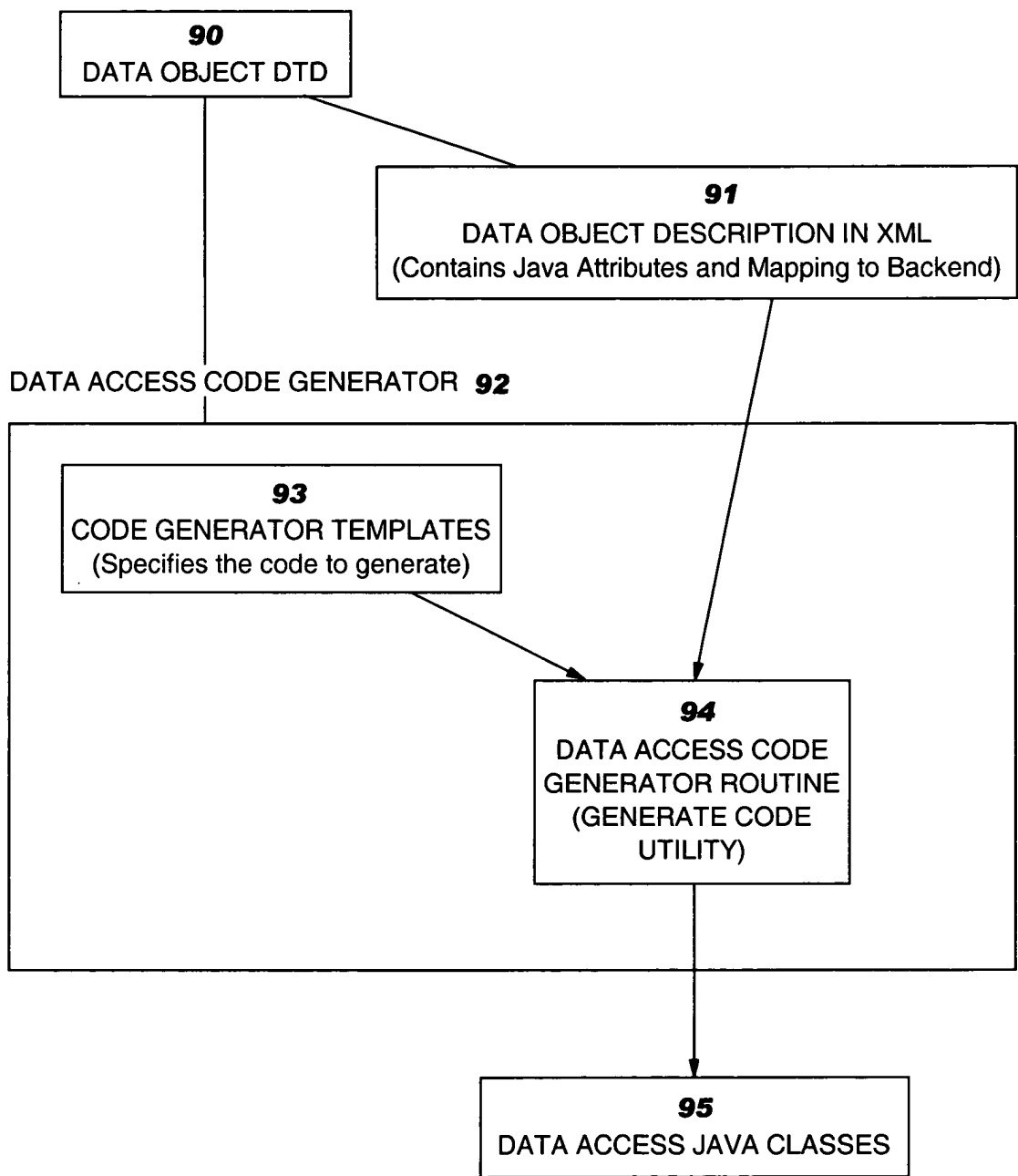
4/10

FIG. 3B



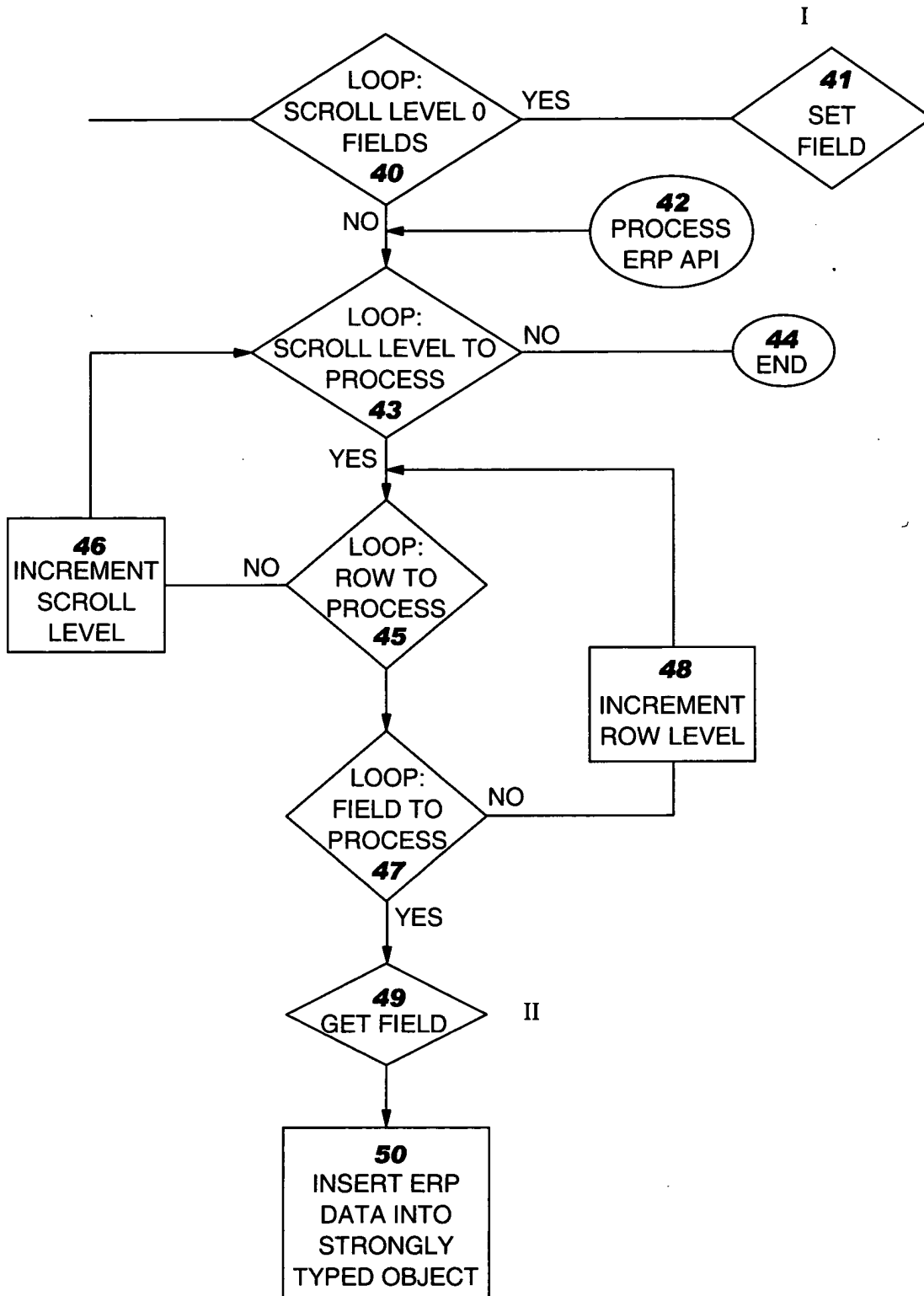


5/10
FIG. 4





6/10
FIG. 5





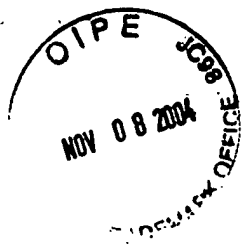
7/10

FIG. 6

STUDENT COURSE LIST

51 FIELD		JOHN SMITH
52 SCROLL LEVEL 1		
53 ROW 1 54 ROW 2	55 FIELD 1	56 FIELD 2
	57 MATH	100
	58 ENGLISH	101

WEAKLY TYPED



8/10

FIG. 7

STUDENT COURSE LIST **70**

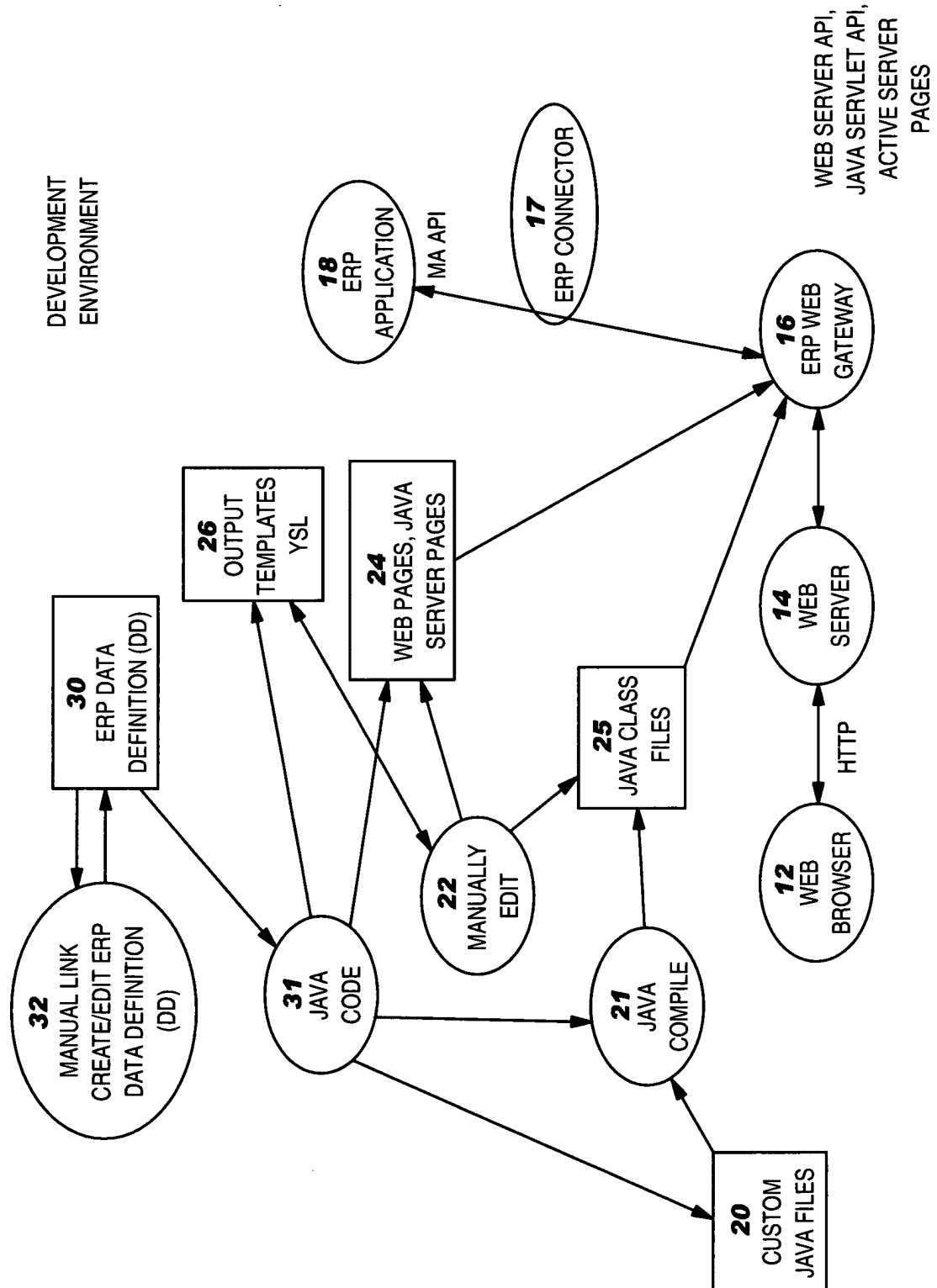
59 STUDENT NAME	JOHN SMITH
60 COURSE LIST	
COURSE 1 61	
NAME 62	MATH
NUMBER 63	100
COURSE 2 64	
NAME 65	ENGLISH
NUMBER 66	101

STRONGLY TYPED

O I P E JC98
NOV 08 2004

9/10

FIG. 8



10/10

FIG. 9

DEFINING A SUB-GRAPH OF DATA OBJECTS

